Punyashlok Ahilydevi Holkar Solapur University, Solapur

Equivalence of S. E. Old Syllabus (CGPA) w.e.f.2015-16 & New Syllabus (CBCS) w.e.f.2017-18

S.E. CiVil Engineering

Semester-I

Sr. No.	**Subject as per old syllabus (CGPA)**	**Subject as per old syllabus (CBCS)**
1.	Concrete Technology	Concrete Technology
2.	Structural Mechanics-I	Structural Mechanics-I
3.	Surveying - I	Surveying - I
4.	Building Construction & Drawing	Building Construction & Drawing
5.	Fluid Mechanics - I	Fluid Mechanics - I
6.	Engineering Geology	Engineering Geology
7.	Lab Practice	Lab Practice

Semester - II

Sr. No.	**Subject as per old syllabus (CGPA)**	**Subject as per old syllabus (CBCS)**
1.	Structural Mechanics-II	Structural Mechanics-II
2.	Surveying – II	Surveying – II
3.	Building Construction & Design	Building Construction & Design
4.	Fluid Mechanics – II	Fluid Mechanics – II
5.	Water Resources Engineering –I	Water Resources Engineering –I
6.	Engineering Math-III	Engineering Math-III
7.	Computer Programming & Numerical Method	Computer Programming & Numerica Method

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Equivalence of S. E. Old Syllabus (CGPA) w.e.f.2015-16 & New Syllabus (CBCS) w.e.f.2017-18

S.E. Mechanical Engineering
Semester-I

Sr. No.	**Subject as per old syllabus (CGPA)**	**Subject as per old syllabus (CBCS)**
1.	Analysis of Mechanical Elements	Analysis of Mechanical Elements
2.	Applied Thermodynamics	Applied Thermodynamics
3.	Engineering Mathematics –III	Engineering Mathematics –III
4.	Machine Tools and Processes	Machine Tools and Processes
5.	Machine Drawing	Machine Drawing
6.	Computer Programming in C++	Equivalence through Professional Elective -I
7.	Workshop Practice-II	Workshop Practice-II

Semester - II

Sr. No.	Subject as per old syllabus (CGPA)	Subject as per old syllabus (CBCS)
1.	Theory of Machine – I	Theory of Machine – I
2.	Manufacturing Processes	Manufacturing Processes
3.	Fluid Mechanics	Fluid Mechanics
4.	Numerical Methods	Equivalence through Professional Elective -II
5.	Electrical and Electronics Technology	Electrical and Electronics Technology
6.	Computer Aided Drawing	Computer Aided Drawing
7.	Workshop Practice-III	Workshop Practice-III

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Equivalence of S. E. Old Syllabus (CGPA) w.e.f.2015-16 & New Syllabus (CBCS) w.e.f.2017-18

S.E. Electronics Engineering
Semester-I

Sr. No.	Subject as per old syllabus (CGPA)	Subject as per old syllabus (CBCS)
1.	Engineering Mathematics - III	Engineering Mathematics - III
2.	Electronics Circuit Analysis and Design-I	Electronics Circuit Analysis and Design
3.	Network Theory and Analysis	Network Theory and Analysis
4.	Digital Logic Design	Digital Logic Design
5.	Analog Communication	Analog Communication
6.	Object Oriented Programming with C++	Object Oriented Programming with C++
7.	Environmental Studies	Environmental Studies

Semester-II

Sr. No.	Subject as per old syllabus (CGPA)	Subject as per old syllabus (CBCS)
1.	Electrical Machines	Electrical Machines
2.	Electronics Circuit Analysis and Design-II	No Equivalence
3.	Data Structures	Data Structures
4.	Linear Integrated Circuits	Analog Integrated Circuits
5.	Signals and Systems	Signals and Systems
6.	Software Simulation Tools	Software Simulation Tools
7.	Environmental Studies	Environmental Studies

Punyashlok Ahilydevi Holkar Solapur University, Solapur

Equivalence of S. E. Old Syllabus (CGPA) w.e.f.2015-16 & New Syllabus (CBCS) w.e.f.2017-18

S.E. Electronics & Telecommunication Engineering
Semester-I

Sr. No.	Subject as per old syllabus (CGPA)	Subject as per old syllabus (CBCS)
1.	Engineering Mathematics-III	Engineering Mathematics-III
2.	Electronics Circuits Analysis and Design-I	Electronics Circuits Analysis and Design-I
3.	Network Theory and Analysis	Network Theory and Analysis
4.	Digital Logic Design	Digital Techniques
5.	Data structure	Data structure

Semester-II

Sr. No	Subject as per old syllabus (CGPA)	Subject as per old syllabus (CBCS)
1.	Electronics Circuits Analysis and Design-II	Electronics Circuits Analysis and Design-II
2.	Analog Communication	Analog Communication
3.	Control Systems	Control Systems
4.	Linear Integrated Circuits	Linear Integrated Circuits
5.	Signals and Systems	Signals and Systems

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The Equivalence for the subject of Information Technology at SE Part I & II Course Pre-revised (CGPA) w. e. f. 2015-16 to Revised Course (CBCS) w. e. f. 2017-18 under the Faculty of Science & Technology.

S. E. (Information Technology) – Part – I

Sr. No.	**SE Part – I (Old)** (CGPA) w. e. f. 2015-16	**Equivalent Subject in revised syllabus** (CBCS) w. e. f. 2017-18
1.	Applied Mathematics- I	Applied Mathematics- I
2.	Discrete Mathematical Structures	Discrete Mathematical Structures
3.	Advanced C concepts	No Equivalence
4.	Digital Techniques	Digital Logic Design
5.	Computer Graphics	Computer Graphics

S. E. (Information Technology) – Part – II

Sr. No.	**SE Part – I I (Old)** (CGPA) w. e. f. 2015-16	**Equivalent Subject in revised syllabus** (CBCS) w. e. f. 2017-18
1.	Applied Mathematics - II	Applied Mathematics - II
2.	Theory of Computation	Theory of Computation
3.	Microprocessors	Microprocessors
4.	Data Communication	Data Communication at SE (Information Technology Part – I)
5.	Data Structures	Data Structures

Punyashlok Ahilydevi Holkar Solapur University, Solapur

Equivalence of S. E. Old Syllabus (CGPA) w.e.f.2015-16 & New Syllabus (CBCS) w.e.f.2017-18

S.E. Electrical Engineering

Semester-I

Sr. No.	Subject as per old syllabus (CGPA)& (CBCS)	Subject as per old syllabus (S.Y. B.Tech)
1.	Engineering Mathematics-III	Engineering Mathematics-III
2.	Electrical Machines- I	Electrical Machines- I
3.	Electrical Measurement and Instrumentation	Electrical Measurement and Instrumentation
4.	Power Plant Engineering	Power System- I
5.	Electronic Devices and Circuits	Electronic Devices and Circuits
6.	Electrical Programing	Object Oriented Programming with C++

Semester-II

Sr. No	Subject as per old syllabus (CGPA)	Subject as per old syllabus (CBCS)
1.	Numerical Methods and Computer Programing	Numerical Methods and Linear Algebra
2.	Electrical Machines- II	Electrical Machines- II
3.	Elements of Power System	Power System- II
4.	Analog and Digital Integrated Circuits	Analog and Digital Integrated Circuits
5.	Network Analysis	Network Analysis
6.	Electrical Software Simulation Tools	Computer Aided Design and Simulation